

## Receiving Report

Date: 9/9/04  
 Supplier: MAGNA

Batch No: M112744  
 Dart P/O: 10386

Packing Slip: Yes ☒ No ☐  
 Invoice: Yes ☐ No ☒  
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐  
 Waybill Attached: Yes ☐ No ☒ N/A ☐  
 Shipment Complete: Yes ☒ No ☐ N/A ☐  
 QC6 Inspection ☒ N/A ☐  
 Work Order 810109

### Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: 9/9/04  
 Date  
 Received/Costing [Signature]  
 Initial

Location \_\_\_\_\_



**Magna Stainless**  
5775 Kieran St, Saint-Laurent QC H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

**INVOICE**

RECEIVED  
OCT 05 2009

SOLD TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7  
MTR:Y

INVOICE DATE:	09/24/09
ORDER DATE:	09/21/09
SHIP DATE:	09/24/09
ORDER NUMBER:	W018706
PURCHASE ORDER:	10386

Currency	Sales Person	Ship Via	F.O.B.	Terms
CANADIAN DOLLARS	ERYCK BLAIS	NIR:R-557065-1	PREPAID	NET 30 DAYS

Ln	Back Ordered	Ordered	Unit	Description	Shipped	Price Per	Value
		4	PC	STAINLESS FLATS SFL 304 HR 1/2" x 2-1/2" x R/L L031497 12'11" 4 PC/222 LB	4 UN	180.00	720.00

09/25/09 13:26:34

Merchandise:	720.00
Surcharges:	
No Tax Costs:	
GST	36.00
Total Due:	756.00

Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

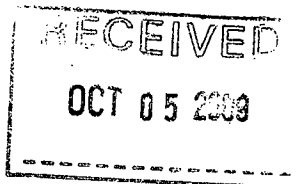


# Magna Stainless

5775 Kieran St, Saint-Laurent QC H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

## INVOICE

Pg 1 of 1 I017098



SOLD TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

SHIP TO:

DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY , ON  
K6A 1K7

MTR:Y

INVOICE DATE:	09/24/09
ORDER DATE:	09/14/09
SHIP DATE:	09/24/09
ORDER NUMBER:	W018319
PURCHASE ORDER:	PO10386

Currency	Sales Person	Ship Via	F.O.B.	Terms
CANADIAN DOLLARS	ERYCK BLAIS	NIR:R-557065-1	PREPAID	NET 30 DAYS

Ln	Back Ordered	Ordered	Unit	Description	Shipped	Price Per	Value
				ALUMINUM - LB			
		1	PC	6061-T6 1/8" X 2 1/2" X 144" L031466 1 PC/5 LB	1 UN	92.00	92.00
		2	PC	6061-T6 1/2" X 10" X 144" L031467 2 PC/146 LB	2 UN	220.00	440.00
		2	PC	6061-T6 2" X 3 1/2" X 144" L031468 2 PC/202 LB	2 UN	310.00	620.00

09/25/09 13:26:36

Merchandise:	1,152.00
Surcharges:	
No Tax Costs:	
GST	57.60
Total Due:	1,209.60

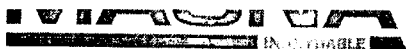
Title to the goods sent out on this invoice remains with Magna Stainless Div of CSM ULC until such time as this invoice has been paid in full. Unless otherwise noted terms are 30 days. Interest accrues on all overdue accounts at the rate of 1.5% per month compounded monthly.

Q.S.T. # 1213236471  
G.S.T. # 881565899 RT0001

All amounts are calculated in domestic currency.

Grouped by Receiver Date

[illegible]



\*\*REPRINT\*\*

I017090

Page: 1 of 1

SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7  
Contact: CHANTASL

HAWKESBURY, ON  
K6A 1K7  
Ship Terms: PREPAID

ASA#

MAGNA

MT002

SPECIAL INSTRUCTIONS

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	10386	
Sales Order	Terms		Ship Via	Date Ordered	Date Required	Date Shipped
W018706	NET 30 DAYS		NIR:R-557065-1	09/21/09	09/24/09	09/24/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
4		PC	STAINLESS FLATS SFL 304 HR 1/2" x 2-1/2" x R/L 12'11" 222 LB / 4 PC	L031497	245179	4
Bundles: 1				Total	Weight:	222 LB

Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577

\*\*\*OUTSTANDING PO REPRINT\*\*\*

Purchase Order IDPO10386

Purchase Order Date 9/10/09

PO Print Date 9/24/09

Page Number 1 of 2

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Unit Price	Extended Price
----------	--	------------------------	----------------------	---------	------------	----------------

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
5	M6061T6B0.125X2.500	6061T6 BAR .125 X 2.50	9/18/09 Yes	✓ 12.00 f	Yours ppd	\$7.6600	\$91.92

Special Inst: MAT: 6061-T6/T651/T6510/T6511/T62  
ALUMINUM BAR  
SPEC: QC-A-225/8 OR AMS-QC-A-  
225/8 (OR AMS 4117/4128/4115/4116)  
OR QC-A-200/8 OR AMS-QQ-A-200/8  
(OR AMS 4160) OR ASTM B211 OR  
ASTM B221

Line Total: \$91.92

6	M6061T6B0.500X10.000	6061-T6 Bar .500 x 10.00	9/18/09 Yes	✓ 24.00 f	Yours ppd	\$18.3300	\$439.92
---	----------------------	--------------------------	----------------	--------------	-----------	-----------	----------

9/17/24

REFERENCE ONLY

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

9/24/09

C2

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577

\*\*\*OUTSTANDING PO REPRINT\*\*\*

Purchase Order IDPO10386

Purchase Order Date 9/10/09

PO Print Date 9/24/09

Page Number 2 of 2

Order From :

VC-MAG002

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 363 6646	Requisition Nbr	
Vendor Fax	514 339 1105	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Unit Price	Extended Price
----------	--	------------------------	----------------------	---------	------------	----------------

Special Inst: SAME AS ABOVE

Line Total: \$439.92

7	M6061T6B2.000X03.500	6061-T6 Bar 2.00 x 3.50	9/18/09 Yes	✓ 24.00	Yours ppd \$25.8300	\$619.92
---	----------------------	-------------------------	----------------	---------	------------------------	----------

Special Inst: SAME AS ABOVE

Line Total: \$619.92

8	A1304130.500X2.500	304 BAR .500 x 2.50	9/10/09 Yes	47.90	Yours ppd \$15.0000	\$718.50
---	--------------------	---------------------	----------------	-------	------------------------	----------

Special Inst: MAT: AISI 304/316 STAINLESS  
STEEL BAR (NOTE: AISI 303 NOT  
APPLICABLE)

Line Total: \$718.50

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Outstanding PO Total: \$1,870.26

REFERENCE ONLY

Change Nbr: 4

Change Date: 9/24/09

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

P006739-20206240

**sapa:** Sapa Industrial Extrusions  
53 POTTSVILLE STREET

CRESSONA, PA  
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

Ship To Customer

## Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1100072649	3	P90608CG021-3	SAPA89183	1 of 2
			Cert Creation Date	Cert Print Date
			16-JUL-09	16-JUL-09

Quantity Shipped	Date Shipped	Item Description
2242 LB	16-JUL-09	Extruded Rectangular Bar 0.125 TK x 2.5 W 144 IN LN
B/L	Item No.	6061 / T6511
59905	G03361057	FIN M-MILL
Delivery Id	Item No. Rev	W/F 0.367 F 14 CS 2.5
4029113	--	Marking CONTINUOUS;
Customer Part No.		ASTMB221 REV 08
125X2.5		UNSA96061 REV
		UNSA96061 REV
		AMS-QQ-A-200/8 REV

### Applicable Specifications, Revisions and Exceptions

Certificate in accordance with EN10204 3.1

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

### Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

### Signature And Title

*Dave A. Lukasak*

Dave A Lukasak

Tech/Quality Manager

16-JUL-09

### Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight
G12-PKG1084499	20206240	258	PCS	Gross: 1129 Net: 1121
G12-PKG1084500	20206240	258	PCS	Gross: 1129 Net: 1121

### Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.8	—	0.7	0.15	0.40	—	0.15	0.8	1.2	0.04	0.35	—	0.25

Inc 09-21-09

S90914DG001-1 MAGNA STAINLESS PO: P006739 Part #: 1.00PC

S  
07/09/09



**sapa:** Sapa Industrial Extrusions  
53 POTTSVILLE STREET  
CRESSONA, PA  
17929-0187

## Certified Inspection Report

Sales Order Number  
1100072649

Line No.  
3

Customer P/O  
P90608CC021-3

Cert Number	Page
SAPA89183	Page 2 of 2
Cert Creation Date	Cert Print Date
16-JUL-09	16-JUL-09

Alloy	Ti		Bt		Pb		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	---	---	---	---	0.05	---	0.15

### Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bt	Pb	Others Each	Others Total
5021323	0.7	0.24	0.28	0.04	0.9	0.06	0.04	0.01	---	---	---	---

### Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Test			-		-		-	
Test Temper	Lot Number	# of Tests	Min Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20206240	3	65.3	44.8	39.8	41.2	12.2	12.7

### Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method

All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6262 alloy

Made in USA

JUL 17 2009

BY *Kathy Bell*

KATHY BELL, CERTIFICATION PROCESSOR

Inc 09-21-09

S90914DG001-1 MAGNA STAINLESS PO: P006739 Part #: 1.00PC

P006739-200909862



SERVICE CENTER METALS  
5850 Quality Way  
Prince George, VA 23875

# CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

BILL TO

SHIP TO

MANIFEST NUMBER

86672

DIE NUMBER

MRB0481

DATE OF SHIPMENT

8/13/2009

CUSTOMER PO

P90716CG001 CT

ALLOY / TEMPER

6061-T6511

SALESPERSON

David Schroeder

CUSTOMER PART NUMBER

MRB0481

DESCRIPTION

MRB 2.000x3.500 /

OUR ORDER NUMBER

909662

ITEM

27

CERTIFICATION

ASTM-B221-08 Stencil

SPECIFICATION

AMS-QQA-200/8

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA from ingot melted and cast in the United States or Canada.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

## Mechanical Properties

Lot No.	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
200909862	1	08/11/09	54.3	48.0	19.5

8/10/10

BY

MELISSA GAGNIER CERTIFICATION PROCESSOR

## Chemical Composition for Alloy 6061

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other	Each	Total	Al	Melted In
6061	Max 0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15		Remainder	
	Min 0.40	-	0.15	-	0.8	0.04	-	-					

United States of America

Rev. 9/06/07 - UMS

Print Date: 8/13/2009

Robert M. Ramage Ph.D, Director of Quality & Technical Services

Inc 09-21-09

S90914DG001-3 MAGNA STAINLESS PO: P006739 Part #: 2.00PC 202.001B

2006739-2045992

**sapa:** Sapa Industrial Extrusions  
53 POTTSVILLE STREET

CRESSONA, PA  
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoice To Customer

Ship To Customer

## Certified Inspection Report

Sales Order Number		Line No.	Customer P/O	Cert Number	Page
1100096128		2	P90810CG002-2	SAPA102563	1 of 3
				Cert Creation Date	Cert Print Date
				12-AUG-09	12-AUG-09

Quantity Shipped	Unit Shipped	Item Description
4930	LB	Extruded ECON-O-PLATE
B/L		0.500 TK x 10.000 W
57087	Item No.	SECT 505025
	G03360698	144.000 IN LN
Delivery Id	Item No. Rev	6061-T6511
4037119		FIN M-MILL
Customer Part No.		W/F 5.880 F 04 CS 10
5X10		Marking CONTINUOUS:
		ASTMB221 REV 08
		AMS-QQ-A-200/8 REV
		ASMESB221 REV 99
		UNSA96061 REV

### Applicable Specifications, Revisions and Exceptions

Certificate in accordance with EN10204 3.1

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

### Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

### Signature And Title

*Dave A. Lukasak*

Dave A Lukasak

Tech/Quality Manager

12-AUG-09

### Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Weight	
				Gross	Net
G12-PKG1087367	20231651	14	PCS	996	990
G12-PKG1095929	20245992	14	PCS	991	985
G12-PKG1095929	20245992	14	PCS	991	985
G12-PKG1095930	20245992	14	PCS	991	985
G12-PKG1095941	20245992	14	PCS	991	985
G12-PKG1095941	20245992	14	PCS	991	985
G12-PKG1095948	20245992	14	PCS	991	985
G12-PKG1095948	20245992	14	PCS	991	985

809/0965

*[Handwritten mark]*

Inc 09-21-09

S90914DG001-2 MAGNA STAINLESS PO: P006739 Part #: 2.00PC 146.001LB

**sapa:** Sapa Industrial Extrusions  
53 POTTSVILLE STREET  
CRESSONA, PA  
17929-0187

## Certified Inspection Report

Sales Order Number 1100096128 Line No. 2 Customer P/O P90810CG002-2

Cert Number SAPA102563  
Page 2 of 3  
Cert Creation Date 12-AUG-09  
Cert Print Date 12-AUG-09

### Composition Limits

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.8	---	0.7	0.15	0.40	---	0.15	0.8	1.2	0.04	0.35	---	0.25
Alloy	Ti		Bi		Pb		Others Each		Others Total					
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max				
6061	---	0.15	---	---	---	---	---	0.05	---	0.15				

### Composition Results

Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi	Pb	Others Each	Others Total
5021479	0.7	0.30	0.29	0.04	0.9	0.04	0.06	0.02	---	---	---	---
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Bi	Pb	Others Each	Others Total
5021598	0.6	0.27	0.25	0.03	0.9	0.05	0.06	0.02	---	---	---	---

### Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Tests			---		---		---	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20231651	2	44.4	45.5	39.9	42.4	18.8	20.1
Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Tests			---		---		---	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	20249992	2	44.5	46.6	40.5	42.5	18.9	20.2

### Cert Notes

Products manufactured with a T6511 temper also meet T6 temper requirements.  
Yield strength has been determined by the 0.2% offset method

8/9/09

Inc 09-21-09

S90914DG001-2 MAGNA STAINLESS PO: P006739 Part #: 2.00PC 146.00LB

**sapa:**Sapa Industrial Extrusions  
53 POTTSVILLE STREETCRESSONA, PA  
17929-0187**Certified Inspection Report**

Sales Order Number

1100096128

Line No.

2

Customer P/O

P90810CG002-2

Cert Number

SAPA102563

Cert Creation Date

12-AUG-09

Page

Page 3 of 3

Cert Print Date

12-AUG-09

All Alloys Produced at Sapa Industrial Extrusions comply with 0.4% Maximum Lead per RoHS, with the exception of 6262 alloy  
Made in USA

AUG 13 2009

BY *Melissa Gagnier*  
MELISSA GAGNIER CERTIFICATION PROCESSOR

Inc 09-21-09

S90014DG001-2 MAGNA STAINLESS PO: P006739 Part #:  
2.00PC 146.00LB

# Acciaierie Valbruna S.p.A.



## CERTIFICATO DI COLLAUDO ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION EN 10204 (2005) , 3.1

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Client  
VALBRUNA CANADA LTD  
8724 HOLGATE CRESCENT  
CDN-MILTON, ONT L5T 5Z1-CAN

Produttore: ACCIAIERIE VALBRUNA S.P.A.  
Hersteller/Item/Usine productrice

Avviso di Spedizione: D-VI08014292  
Lieferanzeige/Packing list/B.L.

Ordine nr: 805001970 STOCK  
Bestell/Your order/Commande

Certificato nr: MEST632454/2008/  
Prüfung/Test/Essai

Conferma ordine nr: EI08008070  
Works/Our Order/Ret nr.

Marchio di Fabbrica:  
Zeichen des Lieferwerkes  
Trade mark  
Sigle de l'usine productrice



Oggetto Prove: Descaled Annealed Hotrolled  
Prüfgegenstand/Item Inspected/Finissage

Tipo di Elaborazione: E+AOD  
Erschmelzungsart/Making process/Mode d'elaboration

Punzone del Collaudatore:  
Stempel des Werksachverständigen  
Inspector's stamp/Poinçon de l'inspecteur

### Specifiche:

Anforderungen / Requirements / Exigences

VAL CANADA 2 304/304L A  
ASME SA182 2007 S30400/03 0  
ASME SA479 2007 S30400/03 3  
ASTM A262 2002A PRACTICE E  
ASTM A320 2007A B8  
NACE MR0175\* 2003 S30400/03 A 5  
(0) SEC.II PT.A 2007 EDITION  
(1) SEC.II PT.A 2007 EDITION  
(3) SEC.II PT.A 2007 EDITION  
(5) \* ISO 15156-3

AMS 5639 H S30400  
ASME SA193 2007 B8 1  
ASTM A182 2007A S30400/03 4  
ASTM A276 2006 S30400/03  
ASTM A479 2006A S30400/03  
QQ-S-763 F 304/304L

0Chemical analysis only.  
2SEC.II PT.A 2007 EDITION  
4Chemical analysis only.

AMS 5647 H S30403  
ASME SA320 2007 B8 (2)  
ASTM A193 2007 B8  
ASTM A314 97 S30400/03  
MIL-S-862 B/1 304/304L

Qualità: T-304L

Worklot/Grade/Nuance

Marca: AISI

Markenbezeichnung/Brand/Nuance

Punzonatura: T-304L

Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descript. du produit	Dimensioni - In Abmessungen Dimension Dimension	Tolleranza Toleranz Allowance Tolerance	Lunghezza - Ft Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losnr. Lot nr. Lot nr.
0040	Flat	2,5000 x 0,5000	484-06B	12 / 13	245179		3.104	707600210

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind i. Anlage erfüllt  
The material has been furnished in accordance with the requirements  
Le matériel a été trouvé conforme aux exigences

Controllo antimescolanza: OK  
Verwechslungsprüfung: spectralanalytisch durchgeführt  
Antinking testing performed: OK  
Contrôle antime mélange fait: r.a.s.

Controllo visivo e dimensionale: soddisfatta le esigenze:  
Besichtigung und Ausmessung: ohne Beanstandung  
Visual inspection and dimensional checks:satisfactory  
Contrôle visuel et dimensionnel: satisfaisant

TEST	Provetta/Probes Sonnenfleck/Granur Langdiam Sperr. Barile Diam. Dichte Widh Diam. Thickness Lang. diam. epote mm	°F	Posiz. Saggio Position Emplacement 1)	Snervamento Streckgrenze Yield Stress Limite plastique Rp 0,2% k.s.i.	Snervamento Streckgrenze Yield Stress Limite elastique	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm k.s.i.	Allungamento Dehnfähigkeit Elongation Allongement E 4d %	Strizione Einschnürung Reduction of area Striction RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées		min max		30	-	75 115	- 40	- 50	-	140 223
A	12,5	68	L	47		91	58	67		179

Grain size for ASTM E112

5

1) L=longitudinale/längs, Q=transversale/quers, T=Tangenziale/tangentiel

### Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata /Heat Schmelze/Coulée	min - max 0,030	1,00	2,00	18,00 20,00	1,00	1,00	8,00 10,50	-	-	0,040	0,030	0,100	-	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %					
245179	0,020	0,42	1,67	18,10	0,54	0,48	8,22	0,100	0,031	0,029	0,081					

Produced without class I-II Ozone depleting substances.

Solution heat treated free from continuous carbide network.

Annealing temperature: 1940°F for 0.5 h/water.

Micro and macro etch test: OK

Intergranular corrosion test per ASTM A262 pract. E: ok

Material is DFARS Compliant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury or radio-activity contamination  
The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s., 4.3 by TÜV and LLOYD'S

Vicenza, 21/05/08 VCOGOS (Mod. 1/2008)	Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 1
--	---	-----------------



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10386

Purchase Order Date 9/10/09

PO Print Date 9/10/09

Page Number 1 of 3

Order From :

VC-MAG002

**FAXED**  
9/10/09

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Ship To :

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6S.250	6061T6 SHEET .250	9/10/09 Yes	✓ 32.00 sf	Yours ppd 9/9/14	\$13.2800	\$424.96
		Special Inst: MAT: 6061-T6/T62 ALUMINUM SHEET SPEC: QC-A-250/11 OR AMS-QC-A- 250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209					
2	M6061T6R0.625	6061-T6 Round Bar .625"	9/10/09 Yes	✓ 60.00 f	Yours ppd 9/9/14	\$0.8250	\$49.50
		Special Inst: MAT: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR SPEC: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A- 200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221					
3	M6061T6R0.750	6061-T6 Round Bar .750"	9/10/09 Yes	✓ 60.00 f	Yours ppd 9/9/14	\$1.2000	\$72.00
		Special Inst: SAME AS ABOVE					

MATERIAL CERTIFICATION

REQ'D UPON DELIVERY

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 3

Change Date: 9/10/09



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10386

Purchase Order Date 9/10/09

PO Print Date 9/10/09

Page Number 2 of 3

Order From :

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT, QC H4S 0A3  
CA

VC-MAG002

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

4	M6061T6R1.125	6061 ROUND BAR 1.125	9/10/09	12.00	Yours ppd	\$4.1600	\$49.92
			Yes	f			

Special Inst: SAME AS ABOVE

5	M6061T6B0.125X2.500	6061T6 BAR .125 X 2.50	9/18/09	12.00	Yours ppd	\$7.6600	\$91.92
			Yes	f			

Special Inst: MAT: 6061-T6/T651/T6510/T6511/T62  
ALUMINUM BAR  
SPEC: QC-A-225/8 OR AMS-QC-A-225/8  
(OR AMS 4117/4128/4115/4116) OR QC-A-  
200/8 OR AMS-QQ-A-200/8 (OR AMS  
4160) OR ASTM B211 OR ASTM B221

6	M6061T6B0.500X01.000	6061-T6 Bar .500 x 1.00	9/18/09	24.00	Yours ppd	\$18.3300	\$439.92
			Yes	f			

Special Inst: SAME AS ABOVE

7	M6061T6B2.000X03.500	6061-T6 Bar 2.00 x 3.50	9/18/09	24.00	Yours ppd	\$25.8300	\$619.92
			Yes	f			

Special Inst: SAME AS ABOVE

8	M304B0.500X2.500	304 BAR .500 x 2.50	9/10/09	60.00	Yours ppd	\$15.0000	\$900.00
			Yes	f			

MATERIAL CERTIFICATION  
REQD UPON DELIVERY

Special Inst: MAT: AISI 304/316 STAINLESS STEEL  
BAR (NOTE: AISI 303 NOT APPLICABLE)

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 3

Change Date: 9/10/09





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO10386

Purchase Order Date 9/10/09

PO Print Date 9/10/09

Page Number 3 of 3

Order From :

MAGNA STAINLESS  
5775 RUE KIERAN  
ST LAURENT. QC H4S 0A3  
CA

VC-MAG002

Contact Name

Vendor Phone 800 363 6646

Vendor Fax 514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

10127-2607

Net 30

CAD

9	M304B0.750X2.500	304 BAR .750 X 2.50	9/10/09	48.00	Yours ppd	\$27.9200	\$1,340.16
			Yes				

*Handwritten:* New York  
New 36.30 Rec'd 9/9/17

Special Inst: SAME AS ABOVE

10	M304S11GA	304/316 0.125 Sheet	9/10/09	✓ 128.00	Yours ppd	\$10.4700	\$1,340.16
			Yes	sf			

Special Inst: MAT: AISI 304/316 SS SHEET  
ANNEALED 28 FINISH  
SPEC: MIL-S-5059 OR AMS 5513(304) OR  
AMS 5524 (316) OR ASTM A240 OR  
ASME SA240

PO Total:

\$5,328.46

MATERIAL CERTIFICATION  
REQ'D UPON DELIVERY

Change Nbr: 3

Change Date: 9/10/09

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



# Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3  
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105

## PACKING LIST

\*\*REPRINT\*\*

I017098

Page: 1 of 1

SOLD TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET


SHIP TO:  
DART AEROSPACE LTD  
1270 ABERDEEN STREET

HAWKESBURY, ON  
K6A 1K7  
Contact: CHANTAL

HAWKESBURY, ON  
K6A 1K7  
Ship Terms: PREPAID

MTR:Y

SPECIAL INSTRUCTIONS

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		ERYCK BLAIS	(613) 632-5200	(613) 632-1053	PO10386	
Sales Order	Terms	Ship Via		Date Ordered	Date Required	Date Shipped
W018319	NET 30 DAYS 	NIR:R-557065-1		09/14/09	09/21/09	09/24/09

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM - LB 6061-T6 1/8" X 2 1/2" X 144"			1
2		PC	6061-T6 1/2" X 10" X 144"	5 LB / 1 PC L031466	20206240	1
2		PC	6061-T6 2" X 3 1/2" X 144"	146 LB / 2 PC L031467	20245992	2
				202 LB / 2 PC L031468	200909862	2
Bundles: 1				Total Weight:		353 LB

Received by: *P. Jephson*

Date: 24/09/09

Signature: \_\_\_\_\_